

Overall length	Thread length	Thread + Neck length	Shank length	Shank dia.	Size of square	Length of square
L	ℓ	ℓ <sub>n</sub>	ℓ <sub>s</sub>	D <sub>s</sub>	K	ℓ <sub>k</sub>

1

ANSI

Spiral Fluted Taps  
(for blind hole)

1

Spiral Fluted Taps  
(for through hole)

2

Spiral Pointed Taps  
(for through hole)

3

Hand Taps

4

Cemented Carbide Taps

5

Roll Taps

6

Special Thread Taps  
Simple Inspection Tools

7

Pipe Taps

8

Thread Mills  
Premium Thread Mills

9

Dies

10

Center Drills  
Centering Tools

11

Precision Machinery/  
Metal Surgical Instruments

12

ANSI

①-48

ANSI

SP

Spiral Fluted Taps

Specification



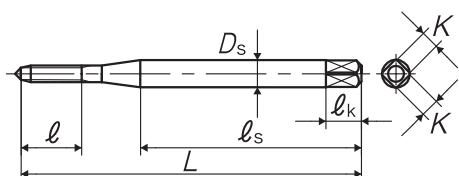
Tapping Speed depending on Materials

Medium carbon steels 中炭素鋼	High carbon steels 高炭素鋼
5~10 (m/min)	5~10 (m/min)

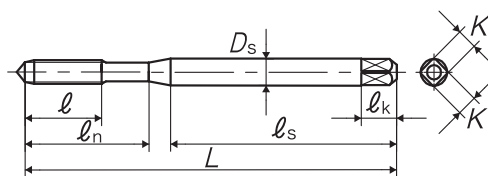
■ Spiral flutes continuously curl the chips and discharge them back toward the shank of the tap. Spiral flute taps are the most suitable for blind hole processing.



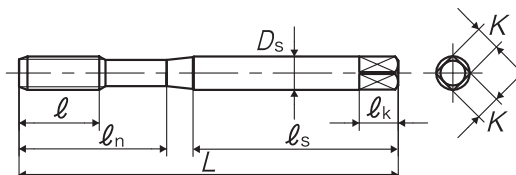
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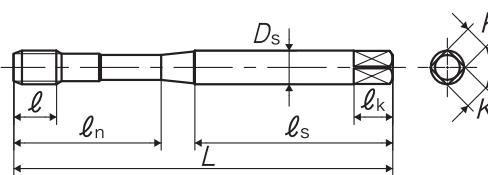
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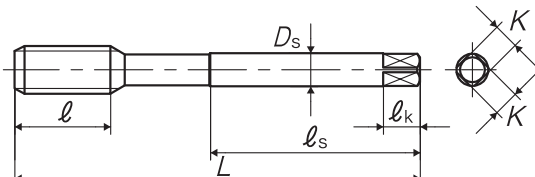
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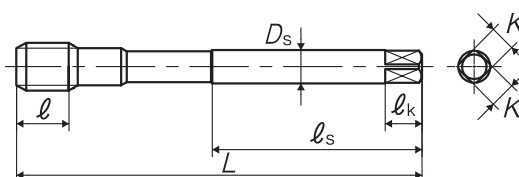
TYPE:4



TYPE:5



TYPE:6



Segment : 1C

Size	Class	Code	Chamfer	L (inch)	ℓ (inch)	ℓ <sub>n</sub> (inch)	ℓ <sub>s</sub> (inch)	D <sub>s</sub> (inch)	K (inch)	ℓ <sub>k</sub> (inch)	No. of flutes	TYPE
For Metric Threads												
M2 × 0.4	D3	SS2.0E3NEB	2.5P	1.772	0.314	-	1.161	0.141	0.11	0.187	2	1
M2.2 × 0.45	D3	SS2.2F3NEB	2.5P	1.772	0.314	-	1.161	0.141	0.11	0.187	2	1
M2.5 × 0.45	D3	SS2.5F3NEB	2.5P	2.205	0.354	0.693	1.28	0.141	0.11	0.187	2	2
M2.6 × 0.45	D3	SS2.6F3NEB	2.5P	2.205	0.354	0.709	1.28	0.141	0.11	0.187	2	2
M3 × 0.5	D3	SS3.0G3NEB	2.5P	2.205	0.433	0.736	1.339	0.141	0.11	0.187	3	2
M3.5 × 0.6	D4	SS3.5H4NEB	2.5P	2.205	0.433	0.748	1.339	0.141	0.11	0.187	3	2